

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Frank L. Hall

**Serial No.:** 10/706,575

**Filed:** November 12, 2003

**For:** BALL GRID ARRAY SUBSTRATES  
VIA USE OF A LASER (as amended)

**Confirmation No.:** 6661

**Examiner:** S. Heinrich

**Group Art Unit:** 1725

**Attorney Docket No.:** 2269-4718.1US  
(00-0316.01/US)

**VIA ELECTRONIC FILING**  
**July 16, 2007**

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This amendment is in response to the Office Action of May 29, 2007 whose initial period of response is set to expire on August 29, 2007.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.